

COPY OF PAP.
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2FC1

PTO/SB/2

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

| | |
|------------------------|-------------------|
| Application No. | 10/086,010 |
| Filing Date | February 27, 2002 |
| First Named Inventor | Thomas E. Willis |
| Group Art Unit | 2673 |
| Examiner Name | Not Assigned |
| Attorney Docket Number | 42P12054X |

ENCLOSURES (check all that apply)

Fee Transmittal Form
 Fee Attached
 Amendment / Response
 After Final
 Affidavits/declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Response to Missing Parts/ Incomplete Application
 Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers (for an Application)
 Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert a Provisional Application
 Power of Attorney, Revocation Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s)

After Allowance Communication to Group
 Appeal Communication to Office of Appeals and Interference
 Appeal Communication to (Appeal Notice, Brief, Reply, etc.)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please identify below):

- Request for Correction
- Copy of Filing Receipt
- Copy of Check & Fees Transmittal
- Return Receipt Postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name Paul A. Mendonsa, Reg. No. 42,879

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Signature

Date April 17, 2002

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail without postage in an envelope addressed to: Office of Initial Patent Examination's Customer Service Center, Assistant Commissioner for Patents, Washington, D.C. 20231 on: April 17, 2002

Typed or printed name Deborah L. Higham

Signature

Date

April 17, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



**COPY OF PAPER
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PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEES & TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

| | | |
|--------------------------------|--------------|-------------|
| TOTAL AMOUNT OF PAYMENT | (\\$) | 0.00 |
|--------------------------------|--------------|-------------|

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 10/086,010 |
| Filing Date | February 27, 2002 |
| First Named Inventor | Thomas E. Willis |
| Examiner Name | Not Assigned |
| Group/Art Unit | 2673 |
| Attorney Docket No. | 42P12054X |

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of the application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEES CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Paid |
|--------------|----------|--------------|----------|------------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| 101 | 740 | 201 | 370 | Utility filing fee |
| 106 | 330 | 206 | 165 | Design filing fee |
| 107 | 510 | 207 | 255 | Plant filing fee |
| 108 | 740 | 208 | 370 | Reissue filing fee |
| 114 | 160 | 214 | 80 | Provisional filing fee |

SUBTOTAL (1) **(\\$)**

2. EXTRA CLAIM FEES

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee |
|--------------|--------------------|--------------------|--------------|----------------|--|
| | | | 34 | 6 | 47* = 0 X 18.00 = 0 47* = 0 X 84.00 = 0 |

SUBTOTAL (2) **(\\$)**

** or number previously paid, if greater. For Reissues, see below

FEES CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Fee Code | Fee (\$) | Small Entity | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|----------|----------|--------------|----------|----------|--|----------|
| | 105 | 130 | | 205 | 65 | Surcharge - late filing fee or oath | |
| | 127 | 50 | | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| | 139 | 130 | | 139 | 130 | Non-English specification | |
| | 147 | 2,520 | | 147 | 2,520 | For filing a request for ex parte reexamination | |
| | 112 | 920* | | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| | 113 | 1,840* | | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| | 115 | 110 | | 215 | 55 | Extension for reply within first month | |
| | 116 | 400 | | 216 | 200 | Extension for reply within second month | |
| | 117 | 920 | | 217 | 460 | Extension for reply within third month | |
| | 118 | 1,440 | | 218 | 720 | Extension for reply within fourth month | |
| | 128 | 1,960 | | 228 | 980 | Extension for reply within fifth month | |
| | 119 | 320 | | 219 | 160 | Notice of Appeal | |
| | 120 | 320 | | 220 | 160 | Filing a brief in support of an appeal | |
| | 121 | 280 | | 221 | 140 | Request for oral hearing | |
| | 138 | 1,510 | | 138 | 1,510 | Petition to institute a public use proceeding | |
| | 110 | 240 | | 55 | 55 | Petition to revive - unavoidable | |
| | | | | | | Petition to revive - unintentional | |

*different information
on these two
fee Transmittal*

SUBMITTED BY

| | | | | | |
|-------------------|-------------------------|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Paul A. Mendonsa | Registration No. (Attorney/Agent) | 42,879 | Telephone | (503) 684-6200 |
| Signature | <i>Paul A. Mendonsa</i> | | | Date | 04/17/02 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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FEE TRANSMITTAL
for FY 2002

APR 29 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

| | |
|-------------------------|----------------|
| TOTAL AMOUNT OF PAYMENT | (\\$) 1,730.00 |
|-------------------------|----------------|

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | |
| Filing Date | February 27, 2002 |
| First Named Inventor | Thomas E. Willis |
| Examiner Name | |
| Group/Art Unit | |
| Attorney Docket No. | 42390P12054X |

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of the application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|---------------------|----------|------------------------|---------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 101 | 740 | 201 | 370 | Utility filing fee | 740.00 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | (\\$) 740.00 | | | |

2. EXTRA CLAIM FEES

| Total Claims | 47 | Extra Claims | 20* | = | 27 | X | 18.00 | = | \$486.00 |
|--------------------|----|--------------|-----|---|----|---|-------|---|----------|
| Independent Claims | 9 | 3* | 6 | = | 6 | X | 84.00 | = | \$504.00 |
| Multiple Dependent | | | | | | | | | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|---------------------|----------|---|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | |
| 104 | 280 | 204 | 140 | Multiple Dependent claim, if not paid | |
| 109 | 84 | 209 | 42 | **Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | (\\$) 990.00 | | | |

*or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|-----------------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 105 | 130 | 205 | 65 Surcharge - late filing fee or oath |
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| 121 | 280 | 221 | 140 Request for oral hearing |
| 138 | 1,510 | 138 | 1,510 Petition to institute a public use proceeding |
| 140 | 110 | 240 | 55 Petition to revive - unavoidable |
| 141 | 1,280 | 241 | 640 Petition to revive - unintentional |
| 142 | 1,280 | 242 | 640 Utility issue fee (or reissue) |
| 143 | 460 | 243 | 230 Design issue fee |
| 144 | 620 | 244 | 310 Plant issue fee |
| 122 | 130 | 122 | 130 Petitions to the Commissioner |
| 123 | 50 | 123 | 50 Prosessing fee under 37 CFR 1.17(q) |
| 126 | 180 | 126 | 180 Submission of Information Disclosure Stmt |
| 581 | 40 | 581 | 40 Recording each patent assignment per property (times number of properties) |
| 146 | 740 | 246 | 370 Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 149 | 740 | 249 | 370 For each additional invention to be examined (37 CFR § 1.129(b)) |
| 179 | 740 | 279 | 370 Request for Continued Examination (RCE) |
| 169 | 900 | 169 | 900 Request for expedited examination of a design application |

Other fee (specify)

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

| | | | | | |
|-------------------|------------------|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Paul A. Mendonsa | Registration No. (Attorney/Agent) | 42,879 | Telephone | (503) 684-6200 |
| Signature | | | | Date | 02/27/02 |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY OF PAPER
ORIGINALLY FILED

In re Application for:

Thomas E. Willis

Application No.: 10/086,010

Filed: February 27, 2002

For: LIGHT MODULATOR HAVING PIXEL
MEMORY DECOUPLED FROM PIXEL
DISPLAY



Examiner: Not Assigned

Art Group: 2673

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Office of Initial Patent Examination's Customer Service Center, Assistant Commissioner for Patents, Washington, DC 20231 on:

Date of Deposit: April 17, 2002

Name of Person Mailing: Deborah L. Higham

Signature: D.L. Higham Date: 4/17/02

Office of Initial Patent Examination's
Customer Service Center
Assistant Commissioner for Patents
Washington, DC 20231

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Enclosed is a copy of the official Filing Receipt for the above-referenced patent application with errors noted thereon in red.

The claim count is listed incorrectly:

Listed as: Tot. Claims 47 Ind. Claims 7

Should be: Tot. Claims 47 Ind. Claims 9

Enclosed is a copy of the check and fee transmittal from the filing of the application showing that the following was paid for: Tot. Claims 47 Ind. Claims 9

PLEASE GENERATE ANOTHER FILING RECEIPT INCORPORATING THE REQUESTED CORRECTIONS.

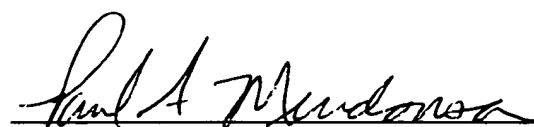
THANK YOU.

If any additional fee is required, please charge Deposit Account No. 02-2666. A Fee Transmittal is enclosed in duplicate for deposit account charging purposes.

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN, LLP

Date: APRIL 17, 2002



Paul A. Mendonsa
Registration No. 42,879

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, CA 90025
(503) 684-6200



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APR 08 2002Page 1 of 2
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UNITED STATES PATENT AND TRADEMARK OFFICE ZAFMAN
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
WASHINGTON, D.C. 20231
LOS ANGELES
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY.DOCKET.NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------|----------|------------|------------|
| 10/086,010 | 02/27/2002 | 2673 | 1562 | 42390P12054X | 10 | 47 | 9 - |

08791
 BLAKELY SOKOLOFF TAYLOR & ZAFMAN
 12400 WILSHIRE BOULEVARD, SEVENTH FLOOR
 LOS ANGELES, CA 90025



CONFIRMATION NO. 4222

FILING RECEIPT



OC000000007772746

Intel Corp.
 EJT

Date Mailed: 04/03/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Thomas E. Willis, Mountain View, CA;

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Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 04/02/2002

RECEIVED

APR 19 2002

S.S.I.Z. DATABASE DEPT.



Title

Light modulator having pixel memory decoupled from pixel display

ENTERED
 4/10/02

Preliminary Class

345

LICENSE FOR FOREIGN FILING UNDER

**Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

BLAKE E. SOKOLOFF & ASSOCIATES, LLP

A Limited Liability Company
3285 SW MERIDIAN ROAD, SUITE 200
LAKE OSWEGO, OREGON 97034-2000
(503) 635-2800

PAID
TO THE DIRECTOR OF THE UNITED STATES
PATENT AND TRADEMARK OFFICE
SUBMITTED IN PAYMENT OF THE
CONTINUATION-IN-PART FEE
FOR THE APPLICATION
RECORDED ON FEBRUARY 27, 2002
IN THE AMOUNT OF \$1,730.00

DATE: 2/27/02

DO NOT CASH THIS CHECK UNLESS YOU CAN SEE THE WORDS "CHECK PROTECT" ON REVERSE SIDE

DETACH AND RETAIN THIS STATEMENT

THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

| <u>DATE</u> | <u>DESCRIPTION</u> | <u>ACCT. NO.</u> | <u>AMOUNT</u> |
|-------------|--|------------------|---------------|
| 2/27/2002 | U.S. Patent and Trademark Office continuation-in-part (CIP) patent application filing fee for Light Modulator Having Pixel Memory Decoupled From Pixel Display Filed: February 27, 2002 Inventor: Thomas E. Willis Express Mail No: EL414998579US | 9670.1 | \$ 1,730.00 |



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20865

11149